In the Claims

A complete listing of the current status of each of the claims follows:

Claim 1. (Previously Amended) A locking mechanism to restrict axial rotation of a core winder comprised of a generally donut-shaped locking piece containing a central opening, a plurality of key locking pin openings in the donut-shaped locking piece which run parallel to the central opening, a rotation limitation system secured within the central opening which permits one way directional rotation of a shaft placed within the central opening, and a key locking pin contained within one of the key locking pin openings in the donut-shaped locking piece.

Claim 2. (Original) The locking mechanism of Claim 1, wherein the rotation limitations system comprises a racheting system.

Claim 3. (Original) The locking mechanism of Claim 1, wherein the rotation limitations system comprises a sprag.

Claim 4. (Previously Amended) The locking mechanism of Claim 1, wherein the rotation limitations system comprises an overriding clutch mechanism.

Claim 5. (Previously Amended) The locking mechanism of Claim 1 wherein the rotation limitation system, upon being reversed in position on the shaft of the core winder, reverses the restriction on rotation of the core winder.

Claim 6. (Original) The locking mechanism of Claim 5 wherein the key locking pin openings extend entirely through the donut-shaped locking piece.

Claim 7. (Original) The locking mechanism of Claim 1 wherein the key locking pin is secured within the key locking pin opening.

Claim 8. (Original) The locking mechanism of Claim 1 wherein the key locking pin is secured within a core winder used with locking mechanism.

Claim 9. (Original) A geared core winder locking system comprised of

a geared core winder, comprising a shaft containing a gear portion, a first donut-shaped piece with a central opening and locking pin openings, wherein said first donut-shaped piece fits over the shaft such that said first donut-shaped piece is located on one side of the geared portion, a second donut-shaped piece with a central opening, wherein said second donut-shaped piece fits over the shaft located on the opposite side of the geared portion of the shaft from the fist donut-shaped piece, a plurality of geared rods secured between the first and second donut-shaped pieces, wherein each geared rod interactingly engages the geared portion of the shaft and a plurality of plates each of which is secured to one of the geared rods, and a locking mechanism comprising a donut-shaped locking piece placed on the shaft of the geared core winder, wherein the donut-shaped locking piece contains a central opening, a plurality of key locking pin openings, a rotation limitations system contained within its central opening, and a plurality of key locking pins contained within the plurality of openings in the donut-shaped locking piece.

Claim 10. (Original) The geared core winder locking system of Claim 9, wherein the first donut-shaped piece of the geared core winder further comprises openings in its outside surface which can be utilized with the key locking pins to hold the geared core winder in position.

Claim 11. (Original) The geared core winder locking system of Claim 9 wherein the rotation limitations system comprises a racheting system.

Claim 12. (Original) The geared core winder locking system of Claim 9 wherein the rotation limitations system comprises a sprag.

Claim 13. (Original) The geared core winder locking system of Claim 9 wherein the rotation limitations system comprises an overriding clutch.

Claim 14. (Previously Amended) The geared core winder locking system of Claim 9 wherein the rotation limitation system, upon being reversed in position on the shaft of the core winder, reverses the restriction on rotation of the core winder.

Claim 15. (Original) The geared core winder locking system of Claim 14 wherein the key locking pin openings extend entirely through the donut-shaped locking piece.

Claim 16. (Original) The geared core winder locking system of Claim 9 wherein the key locking pin is secured within the key locking pin opening.

Claim 17. (Original) The geared core winder locking system of Claim 9 wherein the key locking pin is secured within the locking pin opening of the first donut-shaped piece of the geared core winder.

Claim 18. (Original) The geared core winder locking system of Claim 9 wherein the key locking pin is secured within openings in the core winder.

Claim 19. (Previously Presented) A geared core winder locking system comprised of a geared core winder and a locking mechanism comprising a donut-shaped locking piece placed on the shaft of the geared core winder, wherein the donut-shaped locking piece contains a central opening, a plurality of key locking pin openings, a rotation limitations system contained within its central opening, and a plurality of key locking pins contained within the plurality of openings in the donut-shaped locking piece.

Claim 20. (Previously Presented) The geared core winder locking system of Claim 19, wherein the rotation limitation system is selected from the group consisting of a racheting system, a sprag, and an overriding clutch mechanism.

Discussion of the Claims

The applicant has not amended any of the claims of the application.

The applicant notes however that Claims 19 and 20, which were introduced in an amendment dated March 1, 2005, were not discussed in the Office Action. Therefore, the applicant assumes that these claims have been allowed. Please confirm.